

**Lesson 1 Materials:**

Anticipation Guide

Article from postdoctoral research associate Kelsey K. Graham of Michigan State University.

<https://theconversation.com/beyond-honey-bees-wild-bees-are-also-key-pollinators-and-some-species-are-disappearing-89214>

Questions responding to *The Conversation* article.

Marla Spivak TED Talk: <https://www.youtube.com/watch?v=dY7iATJVCso>

Bee Research Assignment Sheet

**Lesson 2 Materials:**

Evaluating Resources: <https://www.youtube.com/watch?v=EyMT08mD7Ds>

MLA Notecard Template

**Lesson 3 Materials:**

Bee Research Graphic Organizer

**Lesson 5 Materials:**

Revising (ARMS) Vs. Editing (CUPS): <https://www.youtube.com/watch?v=vLpKgeLgFEg>

Peer Edit Checklist

**General Unit Materials**

Google Slide Presentation:

<https://docs.google.com/presentation/d/1um1BGUYfM3H94JsvpU9iJUagsXrS109RnmqPgyxljgQ/edit?usp=sharing>

OWL MLA Style Guide:

[https://owl.purdue.edu/owl/research\\_and\\_citation/mla\\_style/mla\\_formatting\\_and\\_style\\_guide/mla\\_general\\_format.html](https://owl.purdue.edu/owl/research_and_citation/mla_style/mla_formatting_and_style_guide/mla_general_format.html)

Classroom Clipart: FOR EDUCATIONAL USE ONLY

[www.classroomclipart.com](http://www.classroomclipart.com)

NAME:

DATE:

PERIOD:

For each crop listed below, indicate how often you use or come in contact with each.

Crop	Daily	Weekly	Monthly	Yearly
Apples				
Peaches				
Strawberries				
Onions				
Avocados				
Green Beans				
Coffee				
Cotton				
Lemons/Limes				
Carrots				
Cucumber				
Hazelnut				
Watermelon				
Coconut				
Broccoli/Cauliflower				
Cabbage				
Peppers				
Raspberries				
Grapes				
Cocoa				
Vanilla				
Tomatoes				

In what ways would your life be impacted if these crops were no longer available?

What is one environmental factor that could lead to the disappearance of these crops?

**Name:**

**Date:**

**Period:**

Reflect on the article from *The Conversation* in the questions below.

1. When the author says the honey bees are the “chickens of the bee world” what does she mean by this?
2. Which other bees whose populations are declining are of concern for this researcher?
3. Why does she choose to focus on bumble bees? What makes them more valuable in many ways than other bee species?
4. Which factors are cited as reasons for the bee population decline?
5. The author asserts that certain bee species are better able to adapt than others. What evidence does she provide to explain the differences between these species’ responses to environmental factors?
6. What percent of native species are bumble bees?
7. According to this author, what are some of the ways the world could be impacted by the declining populations of bees?
8. What are some possible solutions or fixes this author provides?

## Research Project Assignment Sheet

**Assignment:** You are to craft a 300+ word essay using a minimum of **three sources**. You are to consider the global impact of the declining bee population in America and worldwide. You must craft a three-pronged thesis that clearly connects the the declining population to its global impact.

**Guiding Question:** What is the impact of the declining bee population on the world's resources?

Your essay will be an an expository essay.

- Expository essays are designed to “explain or describe something in detail.”

### Research Requirements:

- Minimum of 4 scholarly sources (various mediums - book (print or eBook), web, database or interview)
  - Each source must be cited at least twice within the body of the paper
- Minimum of 20 note cards (proper MLA format)

### Formatting Requirements:

- Must adhere to MLA formatting
  - 12 pt. Times New Roman Font
  - Double-Spaced
  - Indented paragraphs
  - Centered title
  - Proper MLA Heading (Student Name, Teacher Name, Course Name, Date)
  - Separate Works Cited Page
  - Parenthetical Citations
  - Page Numbers in the upper right-hand corner

<div>Topic:Source #:</div> <div>Note:</div> <div>Page #:</div>	<div>Topic:Source #:</div> <div>Note:</div> <div>Page #:</div>
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Name:

Date:

Period:

Bee Research Graphic Organizer

Hook:

(Question, Statistic, Hypothetical Situation, Fact, etc.)

Background Information:

(Explain your research topic, the background/context needed to understand what you’re going to talk about.)

Thesis Statement:

(This should be three-pronged and reflect the topics of your body paragraphs.)

Body Paragraph #1

Topic Sentence:

Evidence #1:

( )

Analysis/Explanation of Evidence:

Evidence #2:

( )

Analysis/Explanation of Evidence:

**Transition Sentence:**

### **Body Paragraph #2**

**Topic Sentence:**

**Evidence #1:**

( )

**Analysis/Explanation of Evidence:**

**Evidence #2:**

( )

**Analysis/Explanation of Evidence:**

**Transition Sentence:**

### **Body Paragraph #3**

**Topic Sentence:**

**Evidence #1:**

( )

**Analysis/Explanation of Evidence:**

**Evidence #2:**

( )

**Analysis/Explanation of Evidence:**

**Transition Sentence:**

## **Conclusion**

**Restate the Thesis:**

**Summarize Key Points:**

**Universal Concept/Connect to the Hook:**



**Author's Name:**

**Editor's Name:**

Before exchanging papers, read your papers aloud to each other, listening for awkward phrasing, missing information, etc. Then exchange papers and complete the following form.

**Editing (CUPS)**

**Formatting:**

● 12 pt. Times New Roman Font	Yes	No
● Double-Spaced	Yes	No
● Indented paragraphs	Yes	No
● Centered title	Yes	No
● Proper MLA Heading	Yes	No
○ (Student Name, Teacher Name, Course Name, Date)		
● Separate Works Cited Page	Yes	No
● Parenthetical Citations	Yes	No
● Page Numbers in the upper right-hand corner	Yes	No

1. Circle any words that are misspelled or may be misspelled.
2. Underline any contractions (they should not be used in formal writing).
3. Draw a box around any personal pronouns.
4. Indicate any misused or missing punctuation.
5. Highlight any phrases that seem awkward and sentences that are fragments or run-ons.
6. Suggest more descriptive adjectives and verbs to strengthen the author's tone.

**Revising (ARMS)**

1. In what way does the author "hook" the reader, engaging them in the topic?
2. Does the author have a clear thesis? What is it?
3. What is the topic of the first body paragraph?
  - a. What two pieces of evidence are provided?
  - b. Does the author explain the evidence/connect it back to the thesis?
  - c. How does the author connect/transition into the next topic? Is the transition logical?
4. What is the topic of the second body paragraph?
  - a. What two pieces of evidence are provided?

**b. Does the author explain the evidence/connect it back to the thesis?**

**c. How does the author connect/transition into the next topic? Is the transition logical?**

**5. What is the topic of the third body paragraph?**

**a. What two pieces of evidence are provided?**

**b. Does the author explain the evidence/connect it back to the thesis?**

**c. How does the author connect/transition into the next topic? Is the transition logical?**

**6. Does the author restate the thesis in the conclusion? In what way do they change it?**

**7. What universal concept, interesting thought, or “so what” statement does the author share at the end?**

**Student Name:**

## Honey, Colonies, and Collapse OH MY!: Research Paper

Criteria	Points Possible
Heading: Name, Teacher's Name, Course Name, Date (in international format), Properly placed page numbers, includes a title that is creative and related to the topic (and centered without special formatting)	0 1 2 3 4 5 6
Times New Roman, Size 12 font, Double-Spaced, 1" Margins, No Extra Spaces anywhere within the paper	0 1 2 3 4
Introduction <ul style="list-style-type: none"><li>Includes an effective hook technique that piques the reader's interest in the topic</li><li>Provides sufficient background information about the topic</li><li>Paragraph concludes with a single thesis statement which outlines the claim and future topical points</li></ul>	0 1 2 3 4 5 6
Claim #1 <ul style="list-style-type: none"><li>Clearly and concisely states the claim (1 pt.)</li><li>Provides supporting evidence (4 pts.)</li><li>Evidence includes a proper MLA citation (2 pts.)</li><li>Evidence is further supported by explanation/analysis (4 pts.)</li></ul>	0 1 2 3 4 5 6 7 8 9 10 11
Claim #2 <ul style="list-style-type: none"><li>Clearly and concisely states the claim (1 pt.)</li><li>Provides supporting evidence (4 pts.)</li><li>Evidence includes a proper MLA citation (2 pts.)</li><li>Evidence is further supported by explanation/analysis (4 pts.)</li></ul>	0 1 2 3 4 5 6 7 8 9 10 11
Claim #3 <ul style="list-style-type: none"><li>Clearly and concisely states the claim (1 pt.)</li><li>Provides supporting evidence (4 pts.)</li><li>Evidence includes a proper MLA citation (2 pts.)</li><li>Evidence is further supported by explanation/analysis (4 pts.)</li></ul>	0 1 2 3 4 5 6 7 8 9 10 11
Conclusion <ul style="list-style-type: none"><li>Restates the thesis (is not copied and pasted)</li><li>Revisits each of the three main topics</li><li>Uses a closing/clincher technique</li><li>The closing technique/clincher is identified</li></ul>	0 1 2 3 4 5 6
Total: _____ / 55	

Name:

MLA 8 - Works Cited Rubric

	Rubric Criteria					
General Layout and Formatting	The Works Cited page is properly formatted according to these MLA rules: <ul style="list-style-type: none"><li>• Times New Roman, size 12 font is used throughout (including last name and page number).</li><li>• A one-inch margin is included on all sides of the Works Cited page.</li><li>• The entire page is double spaced.</li><li>• No additional spaces are located between entries, titles, headings, etc.</li><li>• The MLA heading is present and properly formatted.</li><li>• The Works Cited title is at the top of the page, properly capitalized, centered, and not formatted in any way (not underlined, italicized, etc.)</li><li>• Student’s last name and page number is in the right hand corner.</li><li>• ALL citations on the Works Cited page are in alphabetical order according to the first word of each citation.</li><li>• ALL citations that are longer than one line are formatted with a hanging indent.</li><li>• Dates used in each citation are formatted according to MLA rules: dd mmm yyyy (Example: 29 Feb. 2012)</li><li>• ALL elements within each citation are punctuated correctly.</li><li>• ALL elements within each citation are formatted correctly.</li></ul>				Score x 2: _____	
0	1	2	3	4		
Three or less of the above formatting rules were followed.	At least four of the above formatting rules were followed.	At least six of the above formatting rules were followed.	At least nine of the above formatting rules were followed.	All of the above formatting rules were followed.		
Citation Quality/ Structure	The citations on the Works Cited page are properly constructed according to MLA rules: <ul style="list-style-type: none"><li>• contain all elements necessary for the type of resource being cited (no missing or extra elements).</li><li>• all elements in the citation are in the correct order</li><li>• Dates used in each citation are formatted according to MLA rules: dd mmm yyyy (Example: 29 Feb. 2012)</li><li>• URL is used</li><li>• ALL elements within each citation are punctuated correctly.</li><li>• ALL elements within each citation are formatted correctly.</li></ul>			Score (4 Entries):  _____		
Entry #1						
0	1	2	3	4		
No attempt at following MLA structure is evident.	Citation contains many structural problems.	Citation contains moderate amount of structural problems.	Citation contains a minor amount of structural problems.	Citations are complete and all elements are in the proper order.		

Entry #2				
0	1	2	3	4
No attempt at following MLA structure is evident.	Citation contains many structural problems.	Citation contains moderate amount of structural problems.	Citation contains a minor amount of structural problems.	Citations are complete and all elements are in the proper order.
Entry #3				
0	1	2	3	4
No attempt at following MLA structure is evident.	Citation contains many structural problems.	Citation contains moderate amount of structural problems.	Citation contains a minor amount of structural problems.	Citations are complete and all elements are in the proper order.
Entry #4				
0	1	2	3	4
No attempt at following MLA structure is evident.	Citation contains many structural problems.	Citation contains moderate amount of structural problems.	Citation contains a minor amount of structural problems.	Citations are complete and all elements are in the proper order.

Total Score: \_\_\_\_\_ / 24